

# THE NORTH CAROLINA STANDARD

WEDNESDAY, AUGUST 10, 1859.

## PREMIUM LIST OF THE N. C. STATE AGRICULTURAL SOCIETY FOR 1859. EXPERIMENTS AND ESSAYS.

For each of the two best experiments, or series of experiments, on any of the following subjects, a premium as follows:

1. Effects (in profit or loss) of the usual mode of saving corn-fodder, by stripping the green blades and cutting off the tops, \$10.

2. Cost and effects of subsoil plowing under different circumstances of soil and sub-soil, 10.

3. Action or non-action of gypsum below the fall of the tidewater rivers, and on soils respectively rich and originally poor; and on the latter after, as well as before their being made calcareous, 10.

4. Costs and effects of bone-dust, (or phosphate of lime,) as manure, 10.

5. How late, in reference to the growth, the last tillage (by plow or cultivator,) should be given to corn for the best product; and whether the said last tillage should be shallow or deep, 10.

6. Best series of comparative experiments in the cultivation of corn, 10.

7. Benefits and products of guano, compared to costs; to be tested by not less than three different experiments, made under circumstances more or less different, 10.

8. Benefits or profit of preserving or applying human excrements as manure, whether prepared for sale and distant transportation, or otherwise, but the whole operation to be in North-Carolina, 10.

9. Tide marsh mud, or swamp muck, or peaty soil, (either kind to be accurately described and characterized,) as manure, in comparison with lime or otherwise, 10.

10. Value of charcoal as an aid to fertility, 10.

11. Tobacco—Culture, cost and profits of cultivating, and comparative effects on production, from different distances of planting, modes of pruning, topping, &c., comprising at least three different experiments, 10.

12. Cultivation and comparative feeding value of rye, 10.

13. Planting, culture, pruning and supporting in open vineyards different varieties of grape vines for the table, or making of wine, 10.

ESSAYS.

For each of the best five, on any of the following subjects, a premium, as follows:

1. On improving and enriching poor land—whether naturally poor, or naturally rich, or good and subsequently exhausted by severe cropping, 10.

2. On draining, 10.

3. On rotation of crops, 5.

4. On the accumulation, preparation and application of stock yard and stable manure, 10.

5. On the formation and constituents of composts and the application of them, 10.

6. On the "green sand" or gypseous earth of lower North-Carolina as manure, and the facts and causes of effect or non-effect, 5.

7. On the properties and variety of the Southern Pea, (or "cornfield pea," of any variety,) and the culture thereof, whether for saving the pea ripened, or ploughing under the growth, green or dry, for manure, and as a preparation for wheat or other grain crops, and as food for swine and other stock, 5.

8. On the comparative profit of planting and farming, and of the two combined—improvement of land being considered, 10.

### FIELD CROPS

To be awarded by the Executive Committee, at a meeting to be held for that purpose in January, 1860.

Best crop of Wheat of not less than 20 acres nor less than 30 bushels per acre, \$50.

Best crop of Wheat, not less than 5 acres nor less than 40 bushels per acre, 40.

Second best crop of Wheat, not less than five acres, 25.

Best crop of Indian Corn, not less than 25 acres nor less than 50 bushels per acre, 50.

Best crop of Indian Corn, not less than 5 acres of reclaimed or improved land, to be shelled and weighed between the 15th of November and the 15th of December, not less than 100 bushels per acre, 25.

Best crop of Indian Corn, not less than 2 acres nor less than 100 bushels per acre, 20.

Best crop of Barley, not less than 1 acre nor less than 50 bushels per acre, 10.

Best crop of Rye, not less than 10 acres nor less than 20 bushels per acre, 20.

Best crop of Oats, not less than 10 acres nor less than 40 bushels of clean oats per acre, 20.

Two average acres to be threshed, 20.

Best crop of Buckwheat, not less than 2 acres nor less than 30 bushels per acre, 10.

Best crop of Cotton, not less than 50 acres, not less than 125 lbs. per acre, 50.

Best crop of Cotton on less than 50 acres, not less than 1600 lbs. per acre, 25.

Best crop of Timothy, Orchard Grass, Blue Grass, Feather Grass, Herbs Grass Hay, raised on 25 acres, one bale, weighing not less than 250 lbs. as a sample, 10.

Best Heifer, 2 years and under 2, 5.

Best Heifer, 1 year and under 2, 10.

Best Heifer, under 1 year, 5.

Best 4 acres of Hay, of any kind, not less than 24 tons to the acre, 25.

Best crop of Sweet Potatoes, not less than 1 acre, not less than 300 bushels per acre, 15.

Best crop of Irish Potatoes, not less than 1 acre, not less than 300 bushels per acre, 15.

Best crop of Turnips, not less than 1 acre, not less than 500 bushels per acre, 15.

Best crop of Turnips, not less than 2 acres, 15.

Best crop of Beets, not less than  $\frac{1}{2}$  acre, nor less than 400 bushels per acre, 15.

Best crop of Carrots, (with same conditions as for Beets,) 10.

Best crop of Tobacco, combining quantity and quality, not less than 50,000 hills, samples of not less than 2 lbs. of 1st, 2d, and 3rd qualities, to be furnished the Committee by the 1st Monday in July, 1860, 50.

Best 10,000 hills Tobacco, with same conditions, 25.

Best crop of  $\frac{1}{2}$  acre of Hops, with full account of cultivation and preservation, 15.

Best crop of  $\frac{1}{4}$  acre of Flax, with same account as above, 15.

Best crop of Broom Corn, not less than 1 acre, one bale, weighing not less than 150 lbs. sent as a sample, 15.

Best Heifer, under 1 year, 5.

Statement to be made by Competitors on Field Crops:

The same premiums as for Grades.

No. 14.—IMPORTED CATTLE.

[When the word "Imported" is used, it is understood the animal must be brought from beyond the United States, with a well authenticated pedigree.]

Best Bull, 3 years and over, \$25.

2d do. 10.

Best Cow, 3 years and under 4, 20.

2d do. 10.

Best Cow, 3 years and over, 10.

2d do. 5.

Best Heifer, 2 years and under 3, 10.

2d do. 5.

Best Heifer, 1 year and under 2, 5.

Best Heifer, under 1 year, 5.

No. 13.—NATIVES.

The same premiums as for Grades.

No. 15.—MILCH COWS.

Best Milch Cow, giving not less than 16 quarts a day, \$15.

2d Best Milch Cow, giving not less than 16 quarts a day, 10.

Best Milch Cow, giving not less than 16 quarts a day, raised in the State, 5.

2d Best Milch Cow, giving not less than 16 quarts a day, raised in the State, 10.

No. 16.—WORKING OXEN.

[A cart will be provided to test the working qualities of the Oxen.]

Best yoke of Oxen, \$15.

2d best yoke of Oxen, 5.

Best single Ox, 5.

5. The grain must either be weighed or measured in a legal bushel; corn to be measured in the ear, and an average specimen of not less than four barrels of average quality of ears shelled, cleaned, and weighed or measured, as above, after the 15th of November, and the number of bushels thus estimated, stated in the affidavit.

FORM OF AN AFFIDAVIT.

County, S. S.—A. B., being duly sworn, says he accurately measured the land upon which C. D. raised a crop of — in the past season, and the quantity of the land is — acres and no more.

[Signed] A. B.

Sworn to before me, this — day of —, 1859.

County, S. S.—C. D., being sworn, says he raised a crop of — in the present season upon the land measured by A. B., and that the quantity of grain raised thereon was — bushels and no more, (or measured in a sealed half bushel as the case may be,) and that the statements in regard to the manner of cultivation, &c., are correct, to the best of my knowledge.

[Signed] C. D.

Sworn to before me, this — day of —, 1859.

## Class A.

DR. JAMES E. WILLIAMSON, Superintendent.

### HORSES.

#### No. 1.—THOROUGHBREDS.

Best Stallion, 4 years old and over, \$30.

2d do. 20.

Best Stallion, 2 years and under 4, 15.

2d do. 10.

Best Brood Mare, 4 years and over, 20.

2d do. 10.

Best Brood Mare, 4 years and over, with foal by her side, 25.

2d best Brood Mare, 4 years and over, with foal by her side, 15.

2d do. 10.

Best Filly, 2 and under 4 years, 10.

2d do. 5.

No. 2.—QUICK DRAFT AND SADDLE HORSES.

[In this class, individual excellence in form, action and disposition, will be regarded as chief points of merit, and all matched horses must be owned and used as such and not made for the occasion.]

Best pair of Cashmere Goats, \$15.

Best pair of Alpaca Goats, 10.

No. 23.—NATIVES OR GRADES.

Best Buck, \$10.

2d do. 5.

Best pen of Ewes, not less than 2, 10.

2d do. 5.

Best pen of Lambs, not less than 2, 10.

2d do. 5.

Best pen of Fat Wethers, not less than 4, 10.

2d of which may be slaughtered and exhibited on Thursday of Fair week; for which best pair an additional premium of \$10 will be allowed, and the exhibitor will be permitted to dispose of the same after 3 o'clock on Thursday evening.]

No. 24.—GOATS.

Best pair of Large Breed, \$15.

[This Class includes Chester, Berkshire, Hampshire, Grizzlers, Leicester, Bedford, or Woburn.]

Best Boar over 2 years old, \$10.

2d do. 5.

Best Boar over 1 year old and under 2, 5.

2d do. 3.

Best Sow over 2 years old, 5.

2d do. 3.

Best Breeding Sow with not less than 6 pigs, 10.

2d do. 5.

Best Lot of Pigs, (not less than 6) under 10 months old, 6.

2d Best Lot of Pigs, (not less than 6) under 10 months old, 3.

No. 26.—SWINE—SMALL BREED.

[This Class includes Suffolk, Neapolitan, Chincoteague, Essex, Guinea, Mocha, Snap-Dragon.]

Same Premiums as for Large Breed.

No. 27.—GRADES.

Same Premiums as for Large Breed.

No. 28.—POULTRY.

Best trio of Buff or Red Shantung, \$3.

" Gray or Brahma Pootras, 3.

" Dorkins, 3.

" Poland or Top Knots, 3.

" Black Spanish, 3.

" Hamburgs, 3.

" Seabright Bantams,